

# **Arky Property**

**217 Route 520 Marlboro Township Monmouth County**

**BLOCK: 268 LOT: 79**

**Community Relations Coordinator: Mindy Mumford (609) 777-1976**

## **SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:**

The site encompasses 22 acres, seven of which are used as an automobile junkyard. A portion of the junkyard was once used as a dump for drums, sludges, liquid wastes, tires and other debris. In 1987, the Superior Court of New Jersey ordered NJDEP to conduct an investigation of the former disposal area to determine the scope of the contamination and cost to remediate the site. Between 1988 and 1991, NJDEP's Remedial Response Element implemented an Interim Remedial Measure (IRM) to remove 22 buried drums and conducted an initial investigation that confirmed the ground water at the site was contaminated. Sampling of nearby private potable wells that was performed as part of the initial investigation showed that they had not been affected. The Superior Court of New Jersey issued a judgment against the Responsible party in 1996 for 100% of the past costs incurred by the State. Between 1998 and 2001, NJDEP conducted a second IRM to excavate and dispose of 70 buried drums of chemical wastes and approximately 1,000 cubic yards of contaminated soil and completed a Remedial Investigation and Remedial Action Selection (RI/RAS) for the site. The RI/RAS revealed that the surface soil within a 1.25-acre area of the junkyard is contaminated with polychlorinated biphenyls (PCBs) and the ground water at the site is contaminated with volatile organic compounds, including trichloroethylene (TCE) and methyl tertiary-butyl ether (MTBE). However, NJDEP concluded that there are no potable wells or other receptors downgradient of the site and that the volatile organic contamination in the ground water may diminish naturally through biodegradation. Based on the findings of the RI/RAS, NJDEP issued a Decision Document in 2002 that required excavation and disposal of approximately 2,000 cubic yards of PCB-contaminated soil and long-term monitoring of the ground water to verify that natural attenuation is occurring. NJDEP has installed additional monitor wells near the site and long-term ground water monitoring is scheduled to start in mid-2003. The soil removal is also scheduled to start in mid-2003, following court approval.